

**MORPHOLOGY-BASED DIAGNOSTIC MONITORING OF
ELECTROGRAMS BY IMPLANTABLE CARDIAC DEVICE**

ABSTRACT

5

A system and method is presented in which an implantable cardiac device is configured to generate representative electrograms which can be transmitted to an external programmer for display. A representative electrogram represents a patient's typical electrogram during a defined time period or when a particular condition exists.

10 Such representative electrograms may be averages or other statistical measures of electrograms recorded continuously or periodically during the defined time period or during the time when the particular condition exists.

"Express Mail" mailing label number: EV299684935US

Date of Deposit: November 26, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.